

Diagram illustrating a network system configuration:

- 3**: DIGITAL COPYING MACHING (CPU, MEMORY, HDD, NETWORK CONNECTION DEVICE, SCANNER SECTION, SIMPLIFIED DISPLAY/INPUT DEVICE)
- 1 LAN**: Local Area Network
- 4**: FILE SERVER USER MANAGEMENT SERVER
- 2**: CLIENT (NETWORK CONNECTION DEVICE, APPLICATION)

FIG. 1

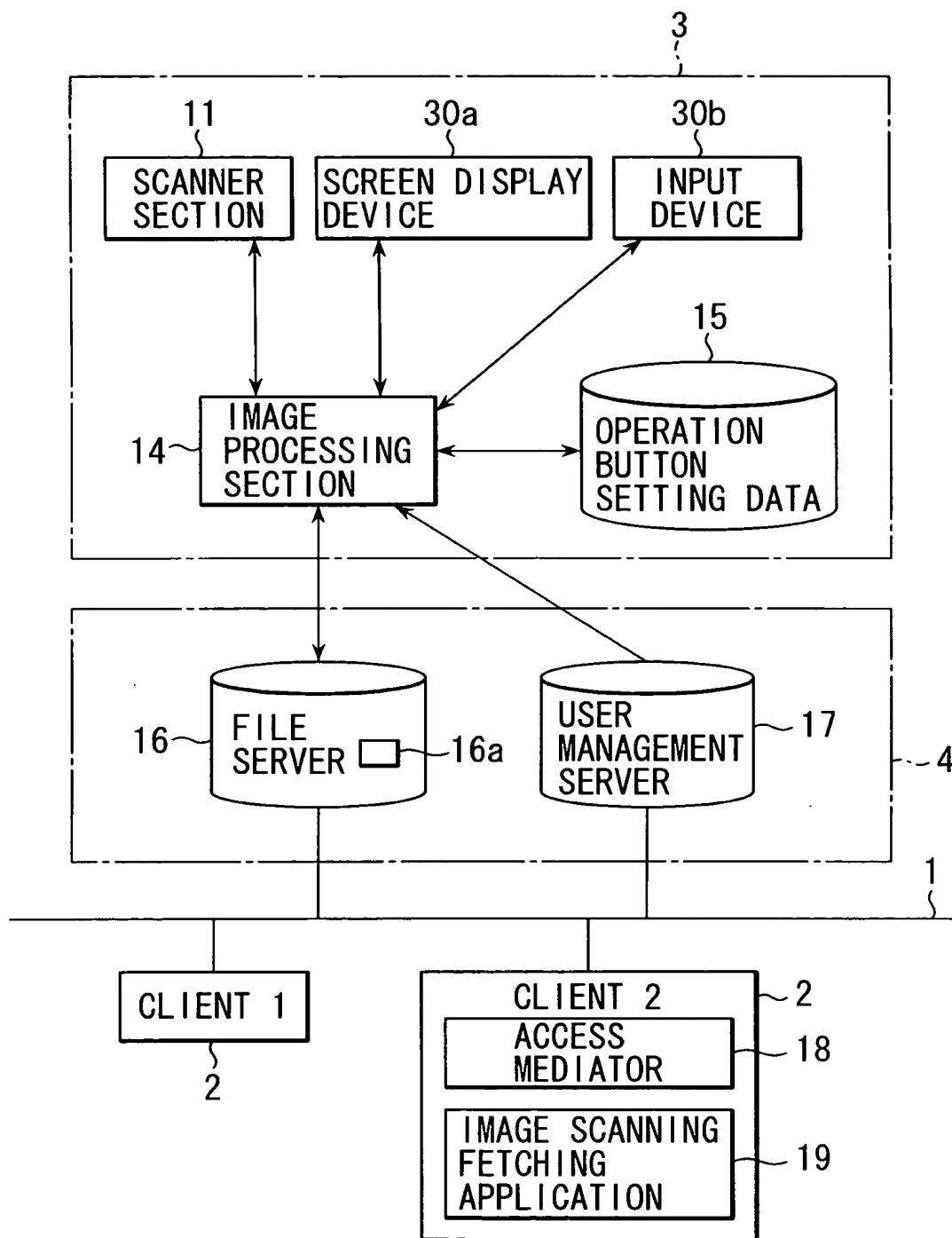


FIG. 2

0000090 : 95062560

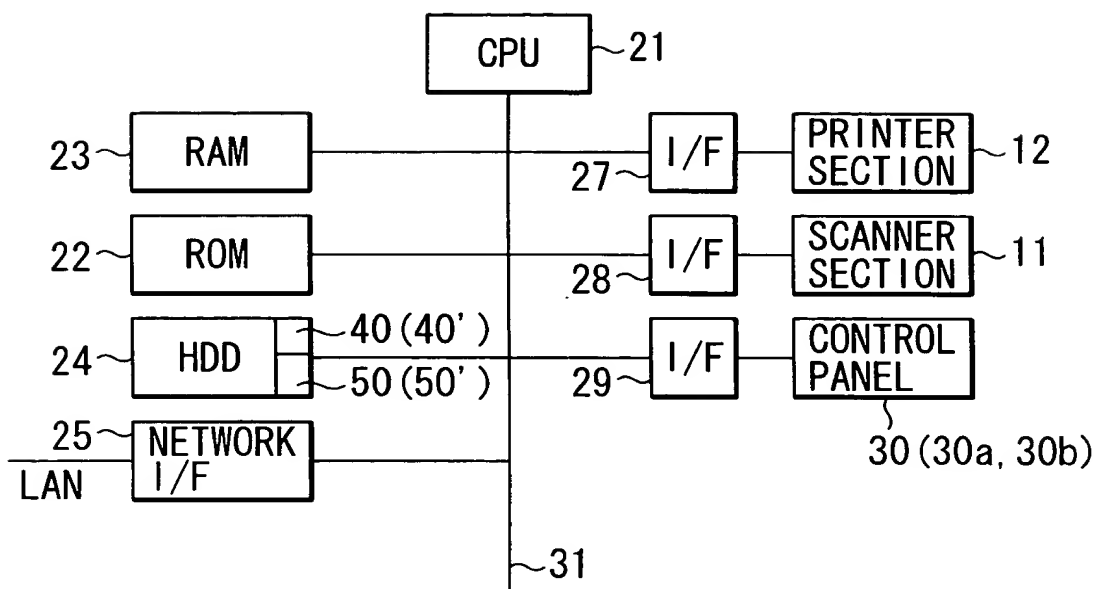


FIG. 3

41 SCREEN ID	42 SCREEN NAME	43 CREATOR	44 PASSWORD NUMBER
1	FOR BUSINESS DEPARTMENT IMAGE FETCHING	TAKAHASHI	1234
2	FOR SCRAP STORAGE	YOSHIDA	9474
3	FOR DEVELOPMENT GROUP	MIKI	8147
⋮	⋮	⋮	⋮

FIG. 4

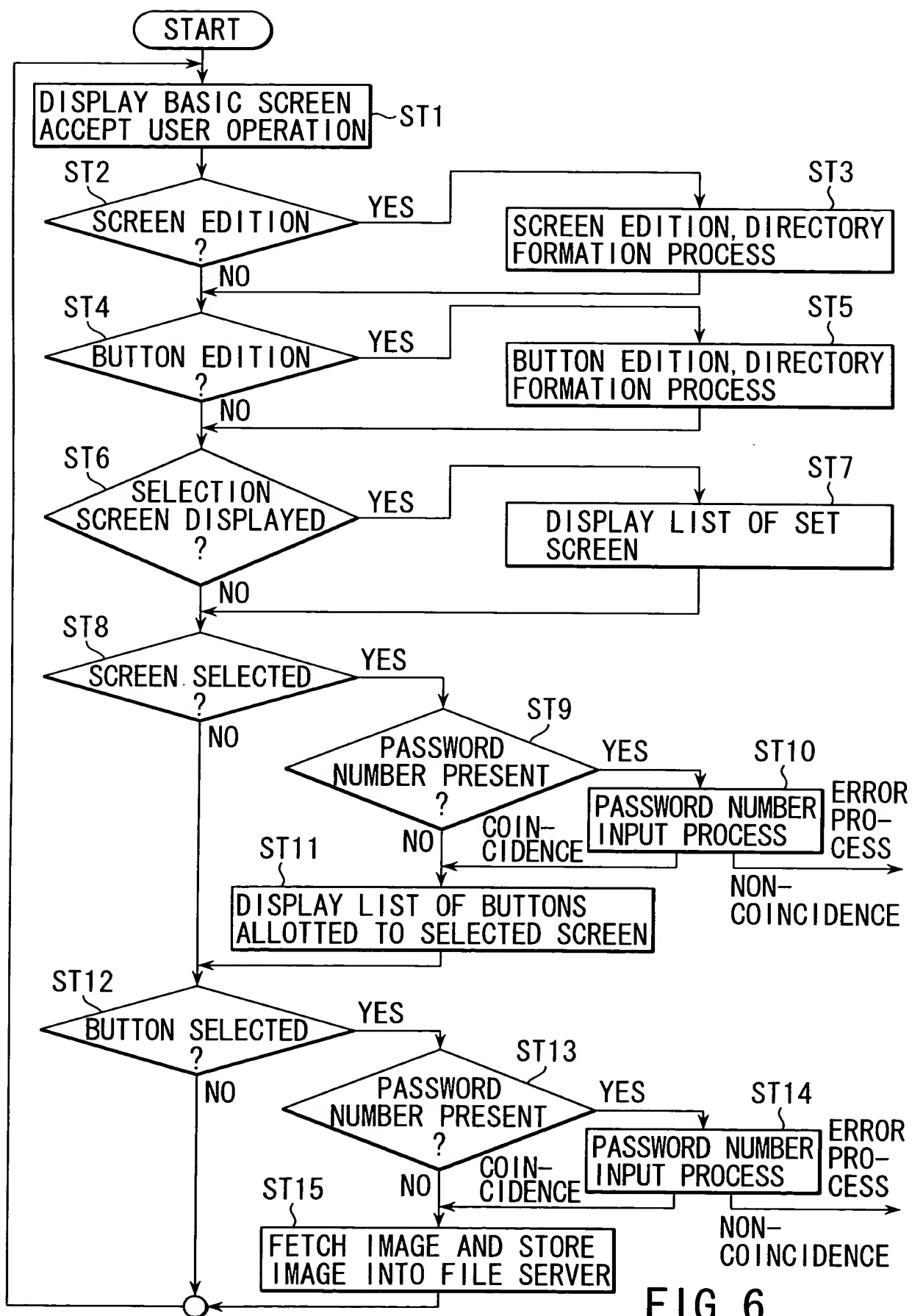


FIG. 7

FIG. 7 shows a vertical menu with three options:

- 61 OPERATION BUTTON SELECTION
- 62 BUTTON ARRANGEMENT SCREEN EDITION
- 63 OPERATION BUTTON EDITION

FIG. 8

FIG. 8 shows a form for screen information:

- SCREEN ID: 10 (64)
- SCREEN NAME: BUSINESS DEPARTMENT IMAGE FETCHING (65)
- CREATOR: TAKAHASHI (66)
- PASSWORD NUMBER: * * * * (67)
- Buttons: SET (68) and CANCEL (69)

FIG. 9

FIG. 9 shows a detailed form for button configuration:

- BUTTON ID: 8 (70)
- ALLOTMENT DESTINATION: 10 (71)
- SCREEN ID: 10 (71)
- BUTTON NAME: CATALOGUE FETCH (72)
- CREATOR: TAKAHASHI (73)
- PROCESS CONTENTS: STORAGE INTO FILE SERVER (74)
- PROCESS PARAMETER: NO PARAMETER (75)
- FETCH PARAMETER: 300dpi, Bitmap FORM (76)
- PASSWORD NUMBER: * * * * (77)
- Buttons: SET (78) and CANCEL (79)

~ 93

OK

└ 95

0 **1** **2** **3**

ALL FOLDERS		X	NAME	SIZE	TYPE	UPDATED DATE AND TIME
[-] NETWORK COMPUTER	[-] WHOLE NETWORK	+	IMAGE1. bmp	120KB	BMP IMAGE	98/11/28 17:25
			IMAGE2. bmp	137KB	BMP IMAGE	99/01/13 14:54
[-] Ga2-14	[-] Ga2-3	+				
[-] Ga2-5	[-] Ga3pc07	+				
[-] Ga3pc11	[-] DPPC FETCHING IMAGE	+				
[-] BUSINESS DEPARTMENT	IMAGE FETCHING	+				
[-] 1234	[-] CATALOGUE FETCHING	+				
[-] 5678	[-] DOCUMENT 1	+				
[-] DOCUMENT 2	BUSINESS CONFERENCE	+				
[-] PROCEEDINGS FETCHING	[-] 4353	+				
[-] NOTICE-OF-VACATION FETCHING	[-] 6435	+				
[-] NEW PRODUCT CATALOGUE	FETCHING	+				
[-] 6522	SCRAP STORAGE	+				
[-] 9474	DEVELOPMENT GROUP	+				
[-] 8147		+				

FIG. 14

```

H:¥>dir
NO VOLUME LABEL OF DRIVE H
VOLUME SERIAL NUMBER IS 80EA-369F
H:¥DIRECTORY OF ¥
99/06/02  11:47  <DIR>
99/06/02  11:47  <DIR>
99/06/02  12:01  <DIR>  SCRAP STORAGE
99/06/02  12:01  <DIR>  BUSINESS DEPARTMENT IMAGE FETLHING
99/06/02  11:47  <DIR>  DEVELOPMENT GROUP
FIVE FILES 0 BYTE
SPACE AREA OF 701,034,496 BYTES
H:¥>dir FOR BUSINESS DEPARTMENT IMAGE FETCHING
NO VOLUME LABEL OF DRIVE H
VOLUME SERIAL NUMBER IS 80EA-369F
H:¥BUSINESS DEPARTMENT IMAGE FETCHING DIRECTORY
NO FILE IS FOUND
H:¥>dir FOR BUSINESS DEPARTMENT IMAGE FETCHING ¥1234
NO VOLUME LABEL OF DRIVE H
VOLUME SERIAL NUMBER IS 80EA-369F
H:¥ DIRECTORY FORBUSINESS DEPARTMENT IMAGE FETCHING ¥1234
99/06/02  11:48  <DIR>
99/06/02  11:48  <DIR>
99/06/02  11:48  <DIR>  CATALOGUE FETCHING
99/06/02  11:48  <DIR>  NOTICE-OF-VACATION FETCHING
99/06/02  11:48  <DIR>  BUSINESS CONFERENCE
PROCEEDINGS FETCHING
99/06/02  11:49  <DIR>  NEW PRODUCT CATALOGUE FETCHING
SIX FILES 0 BYTE
SPACE AREA OF 701,034,496 BYTES
H:¥>

```

FIG. 15

41	42	43	44
SCREEN ID	SCREEN NAME	CREATOR	UTILIZATION USER
1	FOR BUSINESS DEPARTMENT IMAGE FET CHING	TAKAHASHI	TAKAHASHI, YOSHIDA, MIKI
2	FOR SCRAP STORAGE	YOSHIDA	YOSHIDA, HASHIMOTO
3	FOR DEVELOPMENT GROUP	MIKI	TAKAGI, KAMIYAMA
⋮	⋮	⋮	⋮

FIG. 16

51	52	53	54	55	56	57	59
BUTTON ID	ALLOTMENT DESTINATION SCREEN ID	BUTTON NAME	CREATOR	PROCESSING CONTENTS	PROCESS PARAMETER	FETCH PARAMETER	UTILIZATION USER
1	1	CATALOGUE FETCHING	TAKAHASHI	STORAGE INTO FILE SERVER	Bitmap FORM	300dpi	TAKAHASHI
2	1	NOTICE-OF-VACATION FETCHING	YOSHIDA	STORAGE INTO FILE SERVER	Bitmap FORM	300dpi	YOSHIDA, MIKI
3	1	BUSINESS CONFERENCE PROCEEDINGS FETCHING	YOSHIDA	STORAGE INTO FILE SERVER	Bitmap FORM	300dpi	TAKAHASHI
4	2	NEW PRODUCT CATALOGUE FETCHING	MIKI	STORAGE INTO FILE SERVER	Bitmap FORM	300dpi	HASHIMOTO
.
.

FIG. 17

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graph TD
    START([START]) --> ST21[DISPLAY BASIC SCREEN  
ACCEPT USER OPERATION]
    ST21 --> ST22{SCREEN EDITION  
?}
    ST22 -- YES --> ST23[SCREEN EDITION, DIRECTORY  
FORMATION PROCESS]
    ST22 -- NO --> ST24{BUTTON EDITION  
?}
    ST23 --> ST25[BUTTON EDITION, DIRECTORY  
FORMATION PROCESS]
    ST24 -- YES --> ST25
    ST24 -- NO --> ST26{SELECTION  
SCREEN DISPLAYED  
?}
    ST25 --> ST27[LOG-IN PROCESS]
    ST26 -- YES --> ST27
    ST26 -- NO --> ST29{SCREEN SELECTED  
?}
    ST27 --> ST28[DISPLAY LIST OF SET SCREEN]
    ST28 --> ST29
    ST29 -- YES --> ST30{ACCESS  
RIGHT GIVEN  
?}
    ST29 -- NO --> ST32{BUTTON SELECTED  
?}
    ST30 -- NO --> A((A))
    ST30 -- YES --> ST31[DISPLAY LIST OF BUTTONS  
ALLOTTED TO SELECTED SCREEN]
    ST31 --> ST32
    ST32 -- YES --> ST33{ACCESS  
RIGHT GIVEN  
?}
    ST32 -- NO --> J1(( ))
    ST33 -- NO --> A
    ST33 -- YES --> ST34[FETCH IMAGE AND STORE  
IMAGE INTO FILE SERVER]
    ST34 --> J1
    J1 --> ST21
    A --> A
  
```

FIG. 18

FIG. 18

BUTTON ID	8	101
ALLOTMENT DESTINATION	10	102
SCREEN ID	CATALOGUE FETCH	103
BUTTON NAME	TAKAHASHI	104
CREATOR	STORAGE INTO FILE SERVER	105
PROCESS CONTENTS	NO PARAMETER	106
PROCESS PARAMETER	300dpi, Bitmap FORM	107
FETCH PARAMETER	TAKAHASHI	108
UTILIZATION USER		
109	SET	CANCEL 110

FIG. 19

USER NAME	TAKAHASHI	111
PASSWORD	* * * *	112
113	OK	CANCEL 114

FIG. 20

ALL FOLDERS		X	NAME	SIZE	TYPE	UPDATED DATE AND TIME
[-] NETWORK COMPUTER		▲	[-] IMAGE1. bmp	120KB	BMP IMAGE	98/11/28 17:25
[-] [-] WHOLE NETWORK			[-] IMAGE2. bmp	137KB	BMP IMAGE	99/01/13 14:54
[-] [-] [-] Ga2-14						
[-] [-] [-] Ga2-3						
[-] [-] [-] Ga2-5						
[-] [-] [-] Ga3pc07						
[-] [-] [-] Ga3pc11						
[-] [-] [-] [-] DPPC FETCHING IMAGE						
[-] [-] [-] [-] [-] SCRAP STORAGE						
[-] [-] [-] [-] [-] BUSINESS DEPARTMENT IMAGE FETCHING						
[-] [-] [-] [-] [-] CATALOGUE FETCHING						
[-] [-] [-] [-] [-] [-] DOCUMENT 1						
[-] [-] [-] [-] [-] [-] DOCUMENT 2						
[-] [-] [-] [-] [-] [-] BUSINESS CONFERENCE PROCEEINGS FETCHING						
[-] [-] [-] [-] [-] [-] NOTICE-OF-VACATION FETCHING						
[-] [-] [-] [-] [-] [-] NEW PRODUCT CATALOGUE FETCHING						
[-] [-] [-] [-] [-] [-] DEVELOPMENT GROUP						

FIG. 21

```

H:¥>dir
  NO VOLUME LABEL OF DRIVE H
  VOLUME SERIAL NUMBER IS 80EA-369F
  H:DIRECTORY OF ¥
  99/06/02  11:47  <DIR>
  99/06/02  11:47  <DIR>
  99/06/02  12:49  <DIR>  SCRAP STORAGE
  99/06/02  12:50  <DIR>  BUSINESS DEPARTMENT IMAGE
                           FETLHING
  99/06/02  12:50  <DIR>  DEVELOPMENT GROUP
                           FIVE FILES      0 BYTE
                           SPACE AREA OF 701,034,496 BYTES
H:¥>dir FOR BUSINESS DEPARTMENT IMAGE FETDHING
  NO VOLUME LABEL OF DRIVE H
  VOLUME SERIAL NUMBER IS 80EA-369F
  H:¥ BUSINESS DEPARTMENT IMAGE FETCHING DIRECTORY
  NO FILE IS FOUND
H:¥>
  
```

FIG. 22

TWAIN Driver		<input type="checkbox"/>
SERVER NAME:	DEPARTMENT SERVER 1 ▼	200
SCREEN NAME:	BUSINESS DEPARTMENT IMAGE FETCHING ▼	201
PASSWORD NUMBER:	* * * *	202
BUTTON NAME:	CATALOGUE FETCHING ▼	203
PASSWORD NUMBER:	* * * *	204
FETCHED DOCUMENT:	DUCUMENT 4 ▼	205
206 ~	<input type="button" value="FETCH"/>	<input type="button" value="CANCEL"/> ~207

FIG. 23